

# Stem Cell Information

The official **National Institutes of Health** resource for stem cell research

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| MizMedi Hospital—Seoul National University Registered Cell Lines (Korea) |                          |
|--|--------------------------|
| <b>NIH Code</b>  | <b>MI01</b>              |
| Provider's Code  | (Miz-hES1)               |
| <b>Embryo</b>  |                          |
| Patient's Consent  | Yes                      |
| IRB Approvals  | Yes                      |
| Source   | IVF Clinic               |
| Category   | Frozen embryo            |
| IVF Status   | Surplus, to be discarded |
| <b>Characteristics</b>   |                          |
| Passages   | 125                      |
| Teratoma Foundation  | Three germ layer         |
| Embryoid Body  | Three germ layer         |
| DNA Fingerprinting   | TBD                      |
| Karyotype  | Normal 46 XY             |
| Stem Cell Immuno Markers:  |                          |
| SSEA-1   | -                        |
| SSEA-3   | Partially +              |
| SSEA-4   | +                        |
| TRA 1-60   | +                        |
| TRA 1-81   | +                        |
| Oct-4  | +                        |
| Alkaline Phosphatase   | +                        |
| Gender   | Male                     |
| Frozen/Thawed:   |                          |
| Short-Term   | Yes                      |
| Long-Term  | Yes                      |
| Pluripotent  | Yes                      |
| <b>Commercialization</b>   |                          |
| Available  | 1,000                    |
| Price  | \$5,000                  |
| # Shipped  | 36                       |

TBD = To be Determined

**This cell line meets the criteria for the use of human embryonic stem cells by federally funded researchers.**

In your grant applications please use the NIH codes, rather than the providers' codes, to identify the cell lines.

Information about the cell line comes from the provider and has not been independently verified by the NIH.

For any questions about the registry, please e-mail [stemcell@mail.nih.gov](mailto:stemcell@mail.nih.gov) or call 301-496-2691.



[National Institutes of Health \(NIH\)](#)  
[9000 Rockville Pike](#)  
[Bethesda, Maryland 20892](#)



[Department of Health](#)  
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